

NOTES TO ARCHITECT

SECTION 12525 - CURTAINS

PART 1 - GENERAL

1.01 GENERAL

As specified in Section 00800.

1.02 SUBMITTALS

- A. Samples and Shop Drawings: Samples of the curtain and any appurtenances together with 6 sets of shop drawings and manufacturer's specifications of the track system shall be submitted to the Engineer for his approval. Neither item shall be ordered or installed without this approval.
- B. Certificate: The manufacturer's certificate of flame-proofing of the fabric shall be submitted to the Engineer.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Asbestos Prohibition: No asbestos containing materials shall be used under this section. The Contractor shall insure that all materials incorporated in the project are asbestos-free unless specifically approved in writing by the Engineer.
- B. Curtains
 - 1. Fabric shall have the following characteristics:
 - a. Permanent flameproofing (note requirement for certificate).
 - b. Abrasion resistant.
 - c. Dimensionally stable (maximum shrinkage not over 3%).
 - d. Fade resistant (Fadeometer rating 50-100 hours).
 - e. Non-toxic, non-allergenic and odorless.
 - f. Non-shedding.
 - g. Mildew, rot and moth resistant.
 - h. Chemical resistant.

This specification covers the installation of curtains and tracks for platforms only, not stage systems. The use of this specification must be tailored to your job.

2. Fabric shall be a synthetic yarn weighing not less than 14 ounces per linear yard. Fabric shall include an opaque vinyl backing. Fabric shall conform to the above requirements and shall have not less than a total of 66% of the following fibers or a combination thereof:

- a. Verel Modacrylic.

- b. Saran Flat Monofilament.

3. Valance shall be of the same material as supplied for the curtain installation as hereinafter specified.
4. Color shall be as approved by the Engineer from the manufacturers standard colors.

C. Tracks and Appurtenances:

1. Channel shall be 14-gauge extruded anodized aluminum not less than 1-5/8" wide x 2-1/4" high (14-gauge galvanized steel not less than 1-3/4" wide x 2-1/8" high). Channels shall include hanging clamps spaced not over 5 ft. o.c. including clamps for center overlap, end stops, etc., and #6 hanging chains to suit installation shown.

Use medium duty tracks if platform opening is not more than 45 ft. wide, otherwise specify heavy duty type and modify specifications accordingly.

2. Carriers shall be doubled wheel type, molded nylon wheels riveted to stud axles on self-lubricating bearings. Include master carriers where necessary for complete installation. Carriers shall be spaced not over 12 inches o.c. and shall include not less than 3 links of #10 jack chain.

Also, see attached Supplementary Notes to Architect.

3. Rope for manual operation shall be #8 wire centered braided nylon or cotton sash cord.
4. Accessories as standard with the manufacturer for the assembly supplies shall be that normally supplied with curtain track.
5. Assemblies shall conform to the above requirements and may be as produced by the following manufacturers or an approved equal:

- a. Tru-Roll Corp. assembly No. 1200.

- b. Automatic Devices Co. Besteel assembly No. 170.

c. Gorman Assoc. assembly No. TE-1055.

PART 3 - EXECUTION

3.01 PREPARATION WORK

Supports to receive the hanging chains shall be aligned, level, and spaced properly. The Contractor shall be responsible for the examination and acceptance of all conditions affecting the installation of his work. Start of his work shall constitute acceptance of all conditions. Unsatisfactory conditions shall be reported to the Engineer so that corrective measures can be taken.

3.02 INSTALLATION

- A. General: Except as otherwise specified below, installation shall conform to the manufacturer's directions for the assembly used and to the layout and details shown on the plans.
- B. Curtain shall be installed with 100% fullness, reinforced at head with 3-1/2" heavy-duty jute webbing and shall have brass grommets. Pleats shall be flat and at 9 inches to 12 inches o.c. Curtains shall have chain pocket and canvas chain bag (sewn in). Include zinc-plated chain weight. Where curtains are bi-parting center-opening type, there shall be at least a 6-inch turnback along the vertical hem. Bi-parting curtains shall have a 24-inch overlap, 12 inches on each side of centerline.
- C. Valance shall be installed with 100% fullness. Pleats shall be flat and at 9 inches to 12 inches o.c. Valance shall not require grommets or weights but shall require reinforcing similar to that specified above.
- D. Tracks and Appurtenances shall be installed strictly according to the manufacturer's directions and complete installation shall be to the satisfaction of the Engineer.
- E. The following defects shall be cause for rejection or replacement at the Contractor's expense:
 - 1. Uneven curtain or unaligned surfaces.
 - 2. Soiled curtain not cleaned to original

condition.

3. Unworkable track assembly.
4. Color variation in curtain/valance.
5. Loose or broken fittings.

END OF SECTION

SUPPLEMENTARY NOTES TO ARCHITECT

Consider the following when detailing brackets or hangers to support the track hanging chains:

- a. Distance above the top of the platform opening must be sufficient to allow for adjustments when the curtain is hung.
- b. Distance from the back face of the structure above the opening to center of the front carrier should allow room for folding the curtain. With carriers 12" o.c. the distance shall not be less than 6". The bottom of the track shall not be less than 4" above the top of the opening.
- c. Supports must be strong enough to carry weight of track, equipment and the fullness of the curtain.
- d. The valance shall be hung from a wood batten attached to the back face of the beam or structure above the top of the platform opening. Determine the height of the valance from the design of the height of the platform opening. Show the detail of the batten.
- e. Modify specification if the project requires side and/or back curtains.